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UNITED STATES DEPARTMENT OF AGRICULTURE
FARMER COOPERATIVE SERVICE
WASHINGTON 25, D. C.

COMPARATIVE CARLOAD RAIL RATES ON FERTILIZER RAW MATERIALS IN SOUTHEASTERN STATES

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BY

LEONARD N. CONYERS

MANAGEMENT SERVICES DIVISION

Service Report 28

June 1957

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FARMER COOPERATIVE SERVICE
U. S. DEPARTMENT OF AGRICULTURE
WASHINGTON 25, D. C.

Joseph G. Knapp, Administrator

*****

The Farmer Cooperative Service conducts research studies and service activities of assistance to farmers in connection with cooperatives engaged in marketing farm products, purchasing farm supplies, and supplying business services. The work of the Service relates to problems of management, organization, policies, financing, merchandising, quality, costs, efficiency, and membership.

The Service publishes the results of such studies; confers and advises with officials of farmers' cooperatives; and works with educational agencies, cooperatives, and others in the dissemination of information relating to cooperative principles and practices.

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PREFACE

The carload rail rates shown in this report on fertilizer raw materials from principal producing points to fertilizer consuming areas in the Southeastern States [1]/have been compiled as a guide to farmer cooperatives and other farm organizations in the purchase of specific commodities for use in manufacturing fertilizer. A similar compilation of freight rates on fertilizer raw materials has been prepared for the North Central States. [2]/

A rapidly expanding agricultural program in the Southeastern territory necessitates acquiring various types of fertilizer manufacturing and distributing facilities and the expansion or relocation of existing plants by cooperatives and others. Development of such a program requires careful consideration be given to economical transportation services in the procurement of raw materials and in the distribution of manufactured products.

Every effort has been made to include the applicable rates listed in legally published tariff schedules on file with the Interstate Commerce Commission on interstate traffic and with State regulatory bodies on intrastate traffic. These rates are compiled as a matter of general information, however, and the Farmer Cooperative Service makes no representation that in any particular instance the rates quoted are the lawfully published charges and can assume no responsibility for errors or misquotations that may appear. Anyone negotiating for acquisition of manufacturing and distributing facilities or the purchase of raw materials should verify the lawfully published tariff schedules on file with these regulatory agencies before making final determination.

Fertilizer manufacturing and distributing organizations, other than agricultural groups, interested in reducing transportation costs in securing their requirements of raw materials and in formulating fertilizer manufacturing programs should find the information shown herein equally useful. The final analysis of the various transportation charges assembled should also aid in evaluating the future role that farmers in the Southeastern territory may occupy in the fertilizer manufacturing industry.

NOTE: Appreciation is expressed to R. J. Byrne for valuable suggestions and assistance in preparing various phases of the report, and to E. J. Ebert and R. S. Pettit for assembling the freight rates shown herein.

[1]/ "Southeastern States" as used in this report includes the area east of the Mississippi River and south of the Ohio and Potomac Rivers.

[2]/ Conyers, Leonard N., "Comparative Carload Rail Rates and Distances on Fertilizer Raw Materials to North Central Areas." Service Report No. 21, October 1956. Farmer Cooperative Service, U. S. Department of Agriculture

Most of the rates shown in this publication are in terms of dollars per net ton of 2,000 pounds based on tariff publications on file with the Interstate Commerce Commission and State regulatory agencies. On some commodities, such as anhydrous ammonia, sulphuric acid and sulphate of ammonia, the rates on file with these regulatory agencies are published on the basis of cents per 100 pounds. For the sake of uniformity and to facilitate comparison, rates on some commodities where shown in terms of cents per 100 pounds have been converted to dollars per net ton. Rates in this report are effective as of September 1, 1956, and are based on the highest minimum weights. The total charges covering shipments moving by rail under these rates are subject to Federal transportation tax of 3 percent.

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Table 1. - Carload rail rates on superphosphate from producing areas to points in Alabama

Destination	Origin					
	Montgomery, Ala.	Florence, Ala.	Valdosta, Ga.	Nashville, Tenn.	Tupelo, Miss.	Hattiesburg, Miss.
	(Dollars per net ton)					
Alabama						
Clanton	1.52	4.28	3.39	5.94	4.94	6.37
Decatur	4.28	1.62	9.46	3.12	3.73	7.95
Mobile	4.08	8.73	8.76	10.06	6.43	2.71
Montgomery	--	5.04	5.53	7.45	5.34	5.53
Selma	1.62	5.04	6.95	7.45	4.94	4.73
Sheffield	5.04	1.43	10.06	3.33	2.93	7.95

Table 2. - Carload rail rates on superphosphate from producing areas to points in Florida

Destination	Origin					
	Tampa, Fla.	Nichols, Fla.	Jacksonville, Fla.	Valdosta, Ga.	Cordele, Ga.	Savannah, Ga.
	(Dollars per net ton)					
Florida						
Jacksonville	4.14	3.91	--	3.12	4.54	2.85
Lake Alfred	1.55	1.43	3.91	5.53	7.95	7.45
Lakeland	1.17	1.43	3.96	5.53	7.45	7.45
Ocala	2.62	2.92	2.62	3.73	5.53	5.34
Pensacola	9.30	9.49	8.90	6.15	6.15	9.46
Tampa	--	1.14	--	5.53	7.95	7.95

Table 3. - Carload rail rates on superphosphate from producing areas to points in Georgia

Destination	Origin								
	Cordele, Ga.	Jacksonville, Fla.	Tampa, Fla.	Nichols, Fla.	Valdosta, Ga.	Columbus, Ga.	LaGrange, Ga.	E. Point, Ga.	Savanna Ga.
	(Dollars per net ton)								
Georgia									
Adel	1.52	3.73	6.95	6.95	1.62	2.54	3.90	4.46	3.90
Athens	3.90	6.60	10.17	10.37	5.16	4.28	3.52	2.09	4.84
Carrollton	3.90	8.45	10.17	10.17	5.16	2.76	1.81	1.90	6.56
Cordele	--	4.54	7.95	7.95	2.38	2.47	3.14	3.70	3.90
Savannah	3.90	3.52	7.95	7.95	3.70	5.80	6.56	5.60	--
Valdosta	2.38	3.12	5.53	5.75	--	4.08	4.66	5.22	3.70
Vidalia	2.38	4.13	8.45	8.45	3.14	4.28	4.84	4.08	2.12

Table 4. - Carload rail rates on superphosphate from producing areas to points in Mississippi

Destination	Origin					
	Tupelo, Miss.	Hattiesburg, Miss.	Sheffield, Ala.	Memphis, Tenn.	New Orleans, La.	Greenville, Miss.
	(Dollars per net ton)					
Mississippi						
Canton	3.59	2.71	6.43	4.54	4.94	3.24
Corinth	1.49	5.60	1.92	2.62	9.25	4.64
Greenwood	2.89	3.94	5.53	3.33	6.43	1.58
Gulfport	6.04	1.93	9.46	8.96	2.12	6.04
Hattiesburg	4.64	--	7.95	6.95	3.12	4.46
Jackson	3.94	2.19	6.95	5.13	4.32	2.89
Magee	4.81	1.40	8.45	5.94	3.92	3.76
Tupelo	--	4.64	2.93	2.93	8.45	3.94

Table 5. - Carload rail rates on superphosphate from producing areas to points in Tennessee

Destination	Origin					
	Sheffield, Ala.	Birmingham, Ala.	Greenville, Miss.	Tupelo, Miss.	Louisville, Ky.	Nashville, Tenn.
	(Dollars per net ton)					
Tennessee						
Halls	4.13	6.15	5.34	3.92	7.45	3.72
Jackson	3.12	7.45	5.53	2.93	7.45	3.06
Johnston City	9.25	8.45	11.55	10.17	8.45	6.52
Knoxville	6.95	5.94	10.57	9.25	6.15	4.21
La Vergne	3.33	4.94	9.25	5.53	4.54	--
Memphis	3.92	5.94	3.92	2.93	8.96	4.38
Nashville	3.33	4.94	9.25	5.53	4.54	--
Tenco	6.95	5.94	10.57	9.25	6.15	4.21
Union City	4.32	6.43	6.15	4.13	6.95	3.22

Table 6. - Carload rail rates on superphosphate from producing areas to points in North and South Carolina

Destination	Origin					
	Wilmington, N. C.	Charlotte, N. C.	Greensboro, N. C.	Norfolk, Va.	Columbia, S. C.	Knoxville, Tenn.
	(Dollars per net ton)					
North Carolina						
Lumberton	2.00	3.14	3.14	5.53	3.73	9.25
Salisbury	4.46	1.52	1.62	6.43	3.92	6.15
Wilmington	--	4.28	4.08	5.53	4.73	9.86
			Greenville, N. C.	Charleston, S. C.		Savannah, Ga.
South Carolina						
Anderson	7.45	3.73	1.43	5.22	3.14	5.34
Charleston	4.73	5.13	5.22	--	3.14	2.12
Columbia	4.73	2.93	2.94	2.50	--	3.52
Florence	2.93	3.12	4.46	2.76	2.28	4.66

Table 7. - Carload rail rates on superphosphate from producing areas to points in Virginia and Kentucky

Destination	Origin					
	Norfolk, Va.	Richmond, Va.	Nashville, Tenn.	Sheffield, Ala.	Charleston, S. C.	Greensboro, N. C.
	(Dollars per net ton)					
Virginia						
Bristol	5.87	5.48	8.45	9.46	12.27	11.24
Culpeper	3.94	2.36	9.63	11.03	8.50	5.44
Harrisonburg	4.99	3.41	9.50	12.20	8.58	5.70
Norfolk	--	2.19	12.07	12.54	9.25	5.34
Richmond	2.19	--	11.71	12.20	9.25	4.54
	Louisville, Ky.	New Albany, Ind.			Winchester, Ky.	Atlanta, Ga.
Kentucky						
London	4.08	4.32	6.95	8.45	2.47	6.95
Murray	5.80	6.15	3.52	4.73	7.97	9.25
Winchester	2.76	2.93	6.43	9.46	--	9.25

Table 8. - Carload rail rates on ground phosphate rock, sulphuric acid and potash from producing areas to points in Alabama

Destination	Origin									
	Ground phosphate rock				Sulphuric acid (in tank cars)					Potash
	Bartow, Fla.	Mulberry, Fla.	Mt. Pleasant, Tenn.	Silgo, Tenn.	Copper Hill, Tenn.	Coosa Pines, Ala.	Birmingham, Ala.	Baton Rouge, La.	Mobile, Ala.	Carlsba N. Me
	(Dollars per net ton)									
Alabama										
Clanton	7.25	7.25	5.58	5.58	11.00	3.16	3.23	13.20	9.00	14.90
Decatur	7.61	7.61	5.07	5.07	10.00	3.89	6.20	6.97	11.20	14.46
Mobile	7.25	7.25	5.58	5.58	13.80	4.85	4.77	4.80	--	14.46
Montgomery	6.83	6.83	5.58	5.58	11.00	3.16	3.23	7.21	4.19	14.46
Selma	6.97	6.97	5.58	5.58	11.60	3.16	4.77	6.86	8.00	14.46
Sheffield	7.79	7.79	3.08	3.08	11.00	4.38	7.40	7.05	11.80	14.46

Table 9. - Carload rail rates on ground phosphate rock, sulphuric acid and potash from producing areas to points in Florida

Destination	Origin									
	Ground phosphate rock				Sulphuric acid (in tank cars)					Potash
	Bartow, Fla.	Mulberry, Fla.	Brewster, Fla.	Noralyn, Fla.	Copper Hill, Tenn.	Birmingham, Ala.	Tyner, Tenn.	Mobile, Ala.	Coosa Pines, Ala.	Carlsbad, N. Mex.
					(Dollars per net ton)					
Florida										
Jacksonville	4.33	4.33	4.33	4.33	13.60	13.20	7.21	13.80	6.35	15.89
Lake Alfred	3.00	3.00	3.20	3.00	15.40	15.20	16.00	15.40	14.60	16.98
Lakeland	1.59	1.59	1.59	1.59	15.40	15.00	16.00	7.89	14.40	16.98
Ocala	4.33	4.33	4.33	4.33	14.40	14.20	9.17	8.07	8.54	16.98
Pensacola	6.53	6.53	6.53	6.53	13.60	10.20	6.69	3.60	5.14	14.80
Tampa	1.59	1.59	1.59	1.59	15.40	15.00	16.00	15.00	8.54	16.98

Table 10. - Carload rail rates on ground phosphate rock, sulphuric acid and potash from producing areas to points in Georgia

Destination	Origin									
	Ground phosphate rock				Sulphuric acid (in tank cars)					Potash
	Bartow, Fla.	Mulberry, Fla.	Brewster, Fla.	Noralyn, Fla.	Copper Hill, Tenn.	Birmingham, Ala.	Tyner, Tenn.	Mobile, Ala.	Coosa Pines, Ala.	Carlsbad, N. Mex.
					(Dollars per net ton)					
Georgia										
Adel	5.52	5.52	5.52	5.52	11.20	11.00	5.83	12.20	5.67	15.34
Athens	6.97	6.97	6.97	6.97	9.00	10.00	4.80	13.20	9.60	15.34
Carrollton	6.88	6.88	6.88	6.88	8.60	7.60	4.98	11.60	3.60	15.34
Cordelle	6.10	6.10	6.10	6.10	10.60	6.69	5.49	11.80	5.14	15.34
Savannah	6.10	6.10	6.10	6.10	12.20	6.69	6.35	14.40	6.35	15.89
Valdosta	5.36	5.36	5.36	5.36	11.80	11.60	7.21	12.20	5.67	15.34
Vidalia	6.28	6.28	6.28	6.28	11.20	6.69	6.35	13.20	6.35	15.34

Table 11. - Carload rail rates on ground phosphate rock, sulphuric acid and potash from producitng areas to points in Kentucky

Destination	Origin								
	Ground phosphate rock				Sulphuric acid (in tank cars)				Potash
	Bartow, Fla.	Mulberry, Fla.	Mt. Pleasant, Tenn.	Silgo, Tenn.	Copper Hill, Tenn.	St. Louis, Mo.	Paducah Ky.	Wurtland, Ky.	Carlsbad N. Mex.
	(Dollars per net ton)								
Kentucky									
Louisville	8.69	8.69	5.56	5.56	12.20	10.40	9.20	9.00	15.44
Murray	8.43	8.43	5.19	5.19	13.00	9.40	5.00	13.00	14.46
Winchester	8.43	8.43	6.90	6.90	11.00	12.20	10.60	7.00	15.44

Table 12. - Carload rail rates on ground phosphate rock, sulphuric acid and potash from producing areas to points in Mississippi

Destination	Origin								
	Ground phosphate rock				Sulphuric acid (in tank cars)				Potash
	Bartow, Fla.	Mulberry, Fla.	Mt. Pleasant, Tenn.	Silgo, Tenn.	Baton Rouge La.	Copper, Hill, Tenn.	Coosa Pines, Ala.	Birmingham, Ala.	Carlsbad, N. Mex.
	(Dollars per net ton)								
Mississippi									
Canton	7.93	7.93	5.74	5.74	4.64	14.40	5.49	10.20	13.54
Corinth	7.93	7.93	5.74	5.74	13.00	11.60	8.20	8.20	13.93
Greenwood	8.01	8.01	7.19	7.19	5.42	14.20	9.80	9.80	13.64
Gulfport	7.52	7.52	5.74	5.74	4.29	14.60	5.83	11.20	14.03
Hattiesburg	7.61	7.61	5.74	5.74	5.46	14.20	5.49	4.98	13.64
Jackson	7.88	7.88	5.74	5.74	4.46	14.40	5.49	5.06	13.21
Magee	7.88	7.88	5.74	5.74	4.46	14.40	10.20	10.20	13.64
Tupelo	7.79	7.79	5.07	5.07	5.42	12.60	4.64	4.29	14.03

Table 13. - Carload rail rates on ground phosphate rock and potash from producing areas to points in North and South Carolina.

Destination	Origin					
	Ground phosphate rock					Potash
	Bartow, Fla.	Mulberry, Fla.	Mt. Pleasant, Tenn.	Silgo, Tenn.	Tyner, Tenn.	Carlsbad, N. Mex.
	(Dollars per net ton)					
North Carolina						
Lumberton	7.25	7.25	7.92	7.92	....	16.53
Salisbury	7.52	7.52	7.51	7.51	....	16.53
Wilmington	7.44	7.44	7.92	7.92	....	17.08
South Carolina						
Anderson	7.16	7.16	7.51	7.51	5.33	15.99
Charleston	6.56	6.56	7.51	7.51	6.69	16.53
Columbus	6.83	6.83	7.51	7.51	6.35	15.99
Florence	6.97	6.97	7.51	7.51	13.60	16.53

Table 13 a. - Carload rail rates on sulphuric acid from producing areas to points in North and South Carolina

Destination	Origin					
	Sulphuric acid (in tank cars)					
	Copper Hill, Tenn.	Bellwood, Va.	Piney River, Va.	Pulaski, Va.	Grassili, Ala.	Charleston, S. Car.
	(Dollars per net ton)					
North Carolina						
Lumberton	13.00	10.20	11.00	11.20	.....	.....
Salisbury	11.00	10.00	9.60	4.98	.....	.....
Wilmington	14.20	10.20	11.60	6.86	.....	.....
South Carolina						
Anderson	.....	.....	.....	6.52	6.01	4.75
Charleston	.....	.....	.....	7.21	7.21	.....
Columbus	.....	.....	.....	6.18	6.86	4.00
Florence	.....	.....	.....	6.52	13.80	6.80

Table 14. - Carload rail rates on ground phosphate rock, sulphuric acid and potash from producing areas to points in Tennessee

Destination	Origin								
	Ground phosphate rock				Sulphuric acid (in tank cars)				Potash
	Bartow, Fla.	Mulberry, Fla.	Silgo, Tenn.	Mt. Pleasant, Tenn.	Pulaski, Va.	St. Louis, Mo.	Birmingham, Ala.	Little Rock, Ark.	Carlsbad N. Mex.
	(Dollars per net ton)								
Tennessee									
Halls	8.34	8.34	5.38	5.38	16.80	9.80	10.60	9.40	14.03
Jackson	8.16	8.16	4.72	4.72	8.23	5.67	9.60	9.60	14.03
Johnson City	7.88	7.88	7.27	7.27	3.78	16.20	12.20	16.80	15.99
Knoxville	7.69	7.69	5.32	5.32	4.98	7.73	10.20	14.80	15.44
La Vergne	8.07	8.07	1.68	1.68	6.69	5.83	9.40	12.20	14.90
Memphis	8.14	8.14	4.21	4.21	8.23	5.67	5.14	7.80	13.26
Nashville	8.07	8.07	1.68	1.68	6.69	5.67	9.40	12.20	14.90
Tenco	7.79	7.79	5.32	5.32	4.98	7.73	10.20	14.80	15.44
Union City	8.34	8.34	5.38	5.38	16.60	5.67	10.60	10.20	14.03

Table 15. - Carload rail rates on ground phosphate rock, sulphuric acid and potash from producing areas to points in Virginia

Destination	Origin									
	Ground phosphate rock				Sulphuric acid (in tank cars)					Potash
	Bartow, Fla.	Mulberry, Fla.	Brewster, Fla.	Nichols, Fla.	Pulaski, Va.	Bellwood, Va.	Piney River, Va.	Front Royal, Va.	Baltimore, Md.	Carlsbad, N. Mex.
					(Dollars per net ton)					
Virginia										
Bristol	7.93	7.93	7.93	7.93	6.40	11.00	10.20	11.00	13.20	15.99
Culpeper	8.19	8.19	8.19	8.19	8.60	6.20	6.60	7.00	7.80	17.08
Harrisonburg	8.52	8.52	8.52	8.52	8.60	7.80	7.40	5.60	9.20	17.08
Norfolk	8.23	8.23	8.23	8.23	10.40	6.40	9.60	9.80	10.20	17.08
Richmond	8.19	8.19	8.19	8.19	9.40	5.00	8.00	8.60	8.40	17.08

Table 16. - Carload rail rates on sulphate of ammonia from producing areas to points in Alabama

Destination	Origin				
	Birmingham, Ala.	El Dorado, Ark.	Little Rock, Ark.	Ensley, Ala.	New Orleans La.
	(Dollars per net ton)				
Alabama					
Clanton	1.71	10.06	9.66	1.71	8.45
Decatur	2.28	9.46	7.95	2.28	9.66
Mobile	5.60	8.96	9.86	5.60	3.52
Montgomery	2.56	9.66	10.06	2.56	7.45
Selma	2.56	9.25	9.66	2.56	7.45
Sheffield	3.32	8.96	6.95	3.32	9.86

Table 17. - Carload rail rates on sulphate of ammonia from producing areas to points in Florida

Destination	Origin					
	Birmingham, Ala.	Savannah, Ga.	Jacksonville, Fla.	Atlanta, Ga.	Hopewell, Va.	New Orleans, La.
	(Dollars per net ton)					
Florida						
Jacksonville	9.66	3.52	--	7.95	11.24	11.24
Lake Alfred	10.91	7.45	3.91	10.06	12.41	12.01
Lakeland	10.75	7.45	3.96	10.06	12.41	11.87
Ocala	10.17	5.34	2.62	9.25	11.87	11.40
Pensacola	5.94	9.46	8.35	7.95	12.94	5.53
Tampa	10.75	7.95	4.06	10.06	12.41	11.87

Table 18. - Carload rail rates on sulphate of ammonia from producing areas to points in Georgia

Destination	Origin					
	Birmingham, Ala.	Savannah, Ga.	Athens, Ga.	Atlanta, Ga.	Hopewell, Va.	New Orleans La.
	(Dollars per net ton)					
Georgia						
Adel	6.95	3.90	4.66	4.46	11.40	10.17
Athens	5.53	4.84	--	2.09	10.17	10.91
Carrollton	3.33	6.56	3.52	1.90	11.24	10.06
Cordele	5.94	3.90	3.90	3.70	11.24	10.17
Savannah	9.46	--	4.84	5.94	10.06	11.55
Valdosta	7.95	3.70	5.60	5.53	11.40	10.37
Vidalia	7.95	2.19	4.08	4.08	10.57	10.91

Table 19. - Carload rail rates on sulphate of ammonia from producing areas to points in Kentucky

Destination	Origin Indianapolis, Ind.	Hamilton, Ohio	E. St. Louis, Ill.	Birmingham, Ala.	Wheeling, W. Va.	El Dorado, Ark.	Little Rock, Ark.
	(Dollars per net ton)						
Kentucky							
London	7.95	4.73	8.55	7.95	10.17	12.01	11.40
Murray	8.26	9.25	4.94	6.95	11.71	8.96	6.95
Winchester	6.65	5.13	9.05	9.46	9.25	11.87	11.24

Table 20. - Carload rail rates on sulphate of ammonia from producing areas to points in Mississippi

Destination	Origin				
	Birmingham, Ala.	El Dorado, Ark.	Little Rock, Ark.	Ensley, Ala.	New Orleans, La.
	(Dollars per net ton)				
Mississippi					
Canton	5.75	4.94	6.43	5.75	4.94
Corinth	3.92	7.45	5.34	3.92	9.25
Greenwood	5.34	5.94	4.73	5.34	6.43
Gulfport	7.45	8.35	9.46	7.45	2.12
Hattiesburg	5.53	6.43	8.45	5.53	3.12
Jackson	5.75	4.54	5.94	5.75	4.32
Magee	5.75	5.53	7.45	5.75	3.92
Tupelo	3.73	7.95	5.53	3.73	8.45

Table 21. - Carload rail rates on sulphate of ammonia from producing areas to points in North and South Carolina.

Destination	Origin							
	Hopewell, Va.	Wheeling, W. Va.	Birmingham, Ala.	Athens, Ga.	Savannah, Ga.	Atlanta, Ga.	Jacksonville, Fla.	Tampa, Fla.
	(Dollars per net ton)							
North Carolina								
Lumberton	5.34	11.55	10.57	6.95	5.94	8.85	9.25	.....
Salisbury	5.75	10.91	10.06	5.75	6.95	7.45	9.66	.....
Wilmington	5.34	11.55	11.08	8.45	6.95	9.66	9.66	.....
South Carolina								
Anderson	9.66	12.20	7.45	.....	5.34	3.52	8.76	10.75
Charleston	8.96	12.41	10.06	.....	2.62	7.45	5.53	9.66
Columbia	8.45	12.07	9.25	.....	3.52	5.53	6.43	10.06
Florence	6.43	11.87	10.06	.....	4.73	7.45	7.95	10.37

Table 22. - Carload rail rates on sulphate of ammonia from producing areas to points in Tennessee

Destination	Origin					
	Hopewell, Va.	Birmingham, Ala.	Hamilton, Ohio	E. St. Louis, Ill.	Indianapolis, Ind.	El Dorado, Ark.
	(Dollars per net ton)					
Tennessee						
Halls	12.82	6.15	9.86	5.53	9.05	8.26
Jackson	12.68	5.13	9.86	5.94	9.25	8.26
Johnson City	8.45	8.76	9.25	11.24	9.86	12.20
Knoxville	10.06	5.94	8.26	10.57	9.05	11.55
La Vergne	11.87	4.94	8.55	7.45	7.95	9.86
Memphis	12.94	5.94	10.37	7.45	9.66	6.95
Nashville	11.87	4.94	8.55	7.45	7.95	9.86
Tenco	10.06	5.94	8.26	10.57	9.05	11.55
Union City	12.63	6.43	9.46	4.94	8.55	8.55

Table 23. - Carload rail rates on sulphate of ammonia from producing areas to points in Virginia

Destination	Origin						
	Hopewell, Va.	Sheffield, Ala.	Norfolk, Va.	Baltimore, Md.	Wheeling, W. Va.	Johnstown, Pa.	Philadelphia, Pa.
	(Dollars per net ton)						
Virginia							
Bristol	5.48	9.46	5.87	10.40	11.40	11.40	11.20
Culpeper	2.89	11.03	3.94	6.80	10.20	9.20	8.00
Harrisonburg	3.94	12.20	4.99	7.80	9.80	8.20	9.20
Norfolk	2.19	12.54	--	8.20	11.40	10.40	8.20
Richmond	1.31	12.20	2.19	7.00	10.40	10.00	8.20

Table 24. - Carload rail rates on ammonium nitrate from producing areas to points in Alabama

Destination	Origin					
	Sheffield, Ala.	Pace Jct., Fla.	Yazoo City, Miss.	El Dorado, Ark.	Sterlington, La.	Pascagoula, Miss.
	(Dollars per net ton)					
Alabama						
Clanton	4.28	5.34	7.45	10.06	9.46	5.94
Decatur	1.62	8.45	7.95	9.46	9.86	9.25
Mobile	8.73	3.12	5.34	8.96	8.55	1.52
Montgomery	5.04	4.54	6.95	9.66	9.25	5.13
Selma	5.04	4.32	5.75	9.25	8.55	4.94
Sheffield	1.43	9.46	6.95	8.96	9.46	9.66

Table 25. - Carload rail rates on ammonium nitrate from producing areas to points in Florida

Destination	Origin				
	Pace Jct., Fla.	Hopewell Va.	Savannah Ga.	Sheffield Ala.	Pascagoula, Miss.
	(Dollars per net ton)				
Florida					
Jacksonville	7.97	11.24	3.52	10.75	10.37
Lake Alfred	9.30	12.41	7.45	12.01	11.24
Lakeland	9.11	12.41	7.45	11.87	11.08
Ocala	8.45	11.87	5.34	11.24	10.57
Pensacola	1.43	12.94	9.46	9.25	3.52
Tampa	9.11	12.41	7.95	11.87	11.08

Table 26. - Carload rail rates on ammonium nitrate from producing areas to points in Georgia

Destination	Origin					
	Pace Jct., Fla.	Yazoo City, Miss.	Savannah, Ga.	Sheffield, Ala.	Pascagoula, Miss.	Hopewell, Va.
	(Dollars per net ton)					
Georgia						
Adel	5.75	10.17	3.90	9.46	9.25	11.40
Athens	9.46	10.37	4.84	8.76	10.06	10.17
Carrollton	7.95	9.25	6.56	5.94	8.96	11.24
Cordele	5.75	10.06	3.90	9.25	9.25	11.24
Savannah	9.25	11.40	--	10.75	10.75	10.06
Valdosta	5.75	10.57	3.70	10.06	9.46	11.40
Vidalia	7.95	10.75	2.19	10.06	10.06	10.59

Table 27. - Carload rail rates on ammonium nitrate from producing areas to points in Kentucky.

Destination	Origin					
	Sheffield, Ala.	Yazoo City, Miss.	Pace Jct., Fla.	Pascagoula, Miss.	Hopewell, Va.	Military, Kansas
	(Dollars per net ton)					
Kentucky						
London	8.45	11.08	11.08	11.40	10.37	11.40
Murray	4.73	7.45	10.57	10.17	12.68	10.57
Winchester	9.46	11.40	11.87	12.01	--	12.01

Table 28. - Carload rail rates on ammonium nitrate from producing areas to points in Mississippi

Destination	Origin					
	Sheffield, Ala.	Yazoo City, Miss.	El Dorado, Ark.	Pascagoula, Miss.	Sterlington, La.	Pace Jct., Fla.
	(Dollars per net ton)					
Mississippi						
Canton	6.43	1.84	4.94	4.46	5.75	7.95
Corinth	1.92	4.64	7.45	7.61	8.85	9.25
Greenwood	5.53	1.58	5.94	6.04	6.65	9.46
Gulfport	9.46	4.29	8.35	1.31	7.95	4.73
Hattiesburg	7.95	3.06	6.43	2.36	6.95	5.13
Jackson	6.95	1.40	4.54	3.94	5.34	7.45
Magee	8.45	2.28	5.53	3.24	6.34	5.94
Tupelo	2.93	4.00	7.95	6.48	8.55	8.45

Table 29. - Carload rail rates on ammonium nitrate from producing areas to points in North Carolina and South Carolina

Destination	Origin					
	Pt. Wentworth, Ga.	Hopewell, Va.	Sheffield, Ala.	Yazoo City, Miss.	Pace Jct., Fla.	Pascagoula, Miss.
	(Dollars per net ton)					
North Carolina						
Lumberton	5.94	5.34	11.55	12.41	11.55	12.20
Salisbury	6.95	5.75	10.75	12.07	11.55	11.87
Wilmington	6.95	5.34	12.01	12.82	11.87	12.54
South Carolina						
Anderson	5.34	9.66	9.66	10.91	10.17	10.57
Charleston	2.62	8.96	11.24	12.07	10.17	11.55
Columbia	3.52	8.45	10.57	11.71	10.37	11.24
Florence	4.75	6.43	Swg. Dist.	12.20	11.08	11.87

Table 30. - Carload rail rates on ammonium nitrate from producing areas to points in Tennessee

Destination	Origin					
	Hopewell, Va.	Sheffield, Ala.	Pascagoula, Miss.	Yazoo City, Miss.	Pace Jct., Fla.	Selma, Mo.
	(Dollars per net ton)					
Tennessee						
Hall	12.82	4.13	10.06	5.94	10.37	8.55
Jackson	12.68	3.12	9.46	5.53	9.86	8.85
Johnson City	8.45	9.25	11.55	11.40	11.40	11.55
Knoxville	10.06	6.95	10.75	10.57	10.57	10.91
LaVergne	11.87	3.33	10.37	9.25	10.06	8.85
Memphis	12.94	3.92	9.46	4.32	9.86	7.35
Nashville	11.87	3.33	10.37	9.25	10.06	8.85
Tenco	10.06	6.95	10.75	10.57	10.57	10.91
Union City	12.63	4.32	10.06	6.95	10.37	9.05

Table 31. - Carload rail rates on ammonium nitrate from producing areas to points in Virginia

Destination	Origin					
	Hopewell, Va.	Savannah, Ga.	Sheffield, Ala.	Pace Jct., Fla.	Yazoo City, Miss.	Pascagoula, Miss.
	(Dollars per net ton)					
Virginia						
Bristol	5.48	9.46	9.46	13.22	11.55	11.87
Culpeper	2.89	10.75	11.03	13.08	13.22	13.22
Harrisonburg	3.94	10.91	12.02	13.08	13.08	13.35
Norfolk	2.19	10.06	12.54	12.94	13.62	13.35
Richmond	1.31	10.17	12.20	12.94	13.35	13.22

Table 32. - Carload rail rates on imported nitrate of soda from ports of entry to points in Alabama

Destination	Origin				
	New Orleans, La.	Mobile, Ala.	Pensacola, Fla.	Pt. Wentworth, Ga.	Gulfport, Miss.
	(Dollars per net ton)				
Alabama					
Clanton	7.64	4.66	4.94	8.76	6.24
Decatur	8.66	7.50	7.95	10.27	8.35
Mobile	3.52	1.43	2.71	10.06	2.22
Montgomery	6.74	3.90	4.13	7.45	5.34
Selma	6.74	3.70	3.92	8.85	5.04
Sheffield	9.25	8.73	9.25	10.75	9.25

Table 33. - Carload rail rates on imported nitrate of soda from ports of entry to points in Florida.

Destination	Origin	
	Tampa, Fla.	Hopewell, Va.
	(Dollars per net ton)	
Florida		
Lake Alfred	1.55	12.41
Lakeland	1.17	12.41
Ocala	2.77	11.87

Table 34. - Carload rail rates on imported nitrate of soda from ports of entry to points in Georgia

Destination	Origin					
	Savannah, Ga.	Jacksonville, Fla.	New Orleans, La.	Mobile, Ala.	Pensacola, Fla.	Norfolk, Va.
	(Dollars per net ton)					
Georgia						
Adel	3.73	3.73	9.16	7.64	6.15	10.57
Athens	5.13	7.64	9.86	9.46	9.46	9.36
Carrollton	6.95	7.64	9.05	7.95	7.95	10.57
Cordele	4.13	4.13	7.64	9.16	6.15	10.46
Savannah	....	3.52	10.57	9.46	9.46	9.05
Valdosta	3.73	3.12	9.36	7.85	6.15	9.66
Vidalia	2.32	3.73	9.86	8.66	8.45	9.66

Table 35. - Carload rail rates on imported nitrate of soda from ports of entry to points in Kentucky

Destination	Origin					
	Gulfport, Miss.	Savannah, Ga.	Charleston, S. C.	Pensacola, Fla.	Mobile, Ala.	New Orleans, La.
	(Dollars per net ton)					
Kentucky						
London	10.91	10.37	10.37	10.91	10.91	10.91
Murray	10.06	11.87	11.87	10.06	10.06	10.06
Winchester	11.71	11.24	11.24	11.71	11.71	11.71

Table 36. - Carload rail rates on imported nitrate of soda from ports of entry to points in Mississippi.

Destination	Origin			
	Gulfport, Miss.	Pensacola, Fla.	Mobile, Ala.	New Orleans, La.
	(Dollars per net ton)			
Mississippi				
Canton	4.28	6.74	4.54	4.54
Corinth	7.50	8.05	7.95	8.35
Greenwood	5.60	8.35	6.24	5.94
Gulfport	1.43	3.92	2.22	2.12
Hattiesburg	2.09	4.23	2.71	3.12
Jackson	3.70	6.24	4.13	3.92
Magee	2.94	5.04	3.52	3.73
Tupelo	6.07	7.14	6.43	7.64

Table 37. - Carload rail rates on imported nitrate of soda from ports of entry to points in North and South Carolina

Destination	Origin					
	Savannah, Ga.	Norfolk, Va.	Charleston, S. C.	Wilmington, N. C.	Jacksonville, Fla.	Brunswick, Ga.
	(Dollars per net ton)					
North Carolina						
Lumberton	5.34	5.04	3.73	2.00	8.35	....
Salisbury	6.24	5.84	4.82	4.46	8.66	....
Wilmington	6.24	5.04	4.23	....	8.66	....
South Carolina						
Anderson	5.34	9.05	5.04	6.74	7.85	6.74
Charleston	2.62	8.35	1.43	4.23	5.04	3.92
Columbia	3.52	7.95	3.14	4.23	5.84	4.63
Florence	4.75	6.24	2.76	2.93	7.14	5.53

Table 38. - Carload rail rates on imported nitrate of soda from ports of entry to points in Tennessee

Destination	Origin				
	Pensacola, Fla.	Mobile, Ala.	New Orleans, La.	Norfolk, Va.	Charleston, S. C.
	(Dollars per net ton)				
Tennessee					
Halls	9.66	9.66	9.66	12.14	11.87
Jackson	9.25	9.25	9.25	12.01	11.40
Johnson City	11.24	11.24	11.24	8.96	8.96
Knoxville	10.37	10.37	10.37	9.46	9.46
La Vergne	9.86	9.86	9.86	11.15	10.75
Memphis	8.96	8.96	8.96	12.27	11.55
Nashville	9.86	9.86	9.86	11.15	10.75
Tenco	10.37	10.37	10.37	9.46	9.46
Union City	9.86	9.86	9.86	12.01	11.87

Table 39. - Carload rail rates on imported nitrate of soda from ports of entry to points in Virginia

Destination	Origin				
	Norfolk, Va.	Wilmington, N. C.	Savannah, Ga.	Charleston, S. C.	Jacksonville, Fla.
	(Dollars per net ton)				
Virginia					
Bristol	9.00	9.25	9.25	9.25	9.66
Culpeper	6.03	7.75	9.66	9.05	10.75
Harrisonburg	7.11	8.35	9.86	9.16	10.91
Norfolk	1.48	5.04	9.05	8.35	10.26
Richmond	2.86	5.13	9.16	8.35	10.46

Table 40. - Carload rail rates on nitrogen fertilizer solution (in tank cars) from producing areas to points in Alabama

Destination	Origin						
	So. Point, Ohio	Selma, Mo.	Luling, La.	Charlestown, Ind.	Tarrant, Ala.	Ketona, Ala.	Vicksburg, Miss.
				(Dollars per net ton)			
Alabama							
Clanton	11.08	10.91	8.76	9.86	1.71	1.71	7.95
Decatur	10.37	9.86	9.86	8.27	2.28	2.28	8.96
Mobile	12.41	11.55	3.73	11.71	5.60	5.60	5.34
Montgomery	11.40	11.08	5.75	10.17	2.56	2.56	6.95
Selma	11.40	10.75	7.45	10.17	2.56	2.56	5.75
Sheffield	10.91	9.46	9.86	8.55	3.32	3.32	8.35

Table 41. - Carload rail rates on nitrogen fertilizer solution (in tank cars) from producing areas to points in Florida

Destination	Origin					
	Savannah, Ga.	Pace Jct., Fla.	Tarrant, Ala.	Hopewell, Va.	Ketona, Ala.	Vicksburg, Miss.
	(Dollars per net ton)					
Florida						
Jacksonville	3.52	7.97	9.66	11.24	9.66	11.40
Lake Alfred	7.45	9.30	10.91	12.41	10.91	12.27
Lakeland	7.45	9.11	10.75	12.41	10.75	12.20
Ocala	5.34	8.45	10.17	11.87	10.17	11.71
Pensacola	9.46	.75	5.94	12.94	5.94	7.95
Tampa	7.95	9.11	10.75	12.41	10.75	12.20

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Table 42. - Carload rail rates on nitrogen fertilizer solution (in tank cars) from producing areas to points in Georgia

Destination	Origin						
	Savannah, Ga.	Pace Jct., Fla.	Tarrant, Ala.	Vicksburg, Miss.	Hopewell, Va.	Ketona, Ala.	So. Point, Ohio
	(Dollars per net ton)						
Georgia							
Adell	3.90	5.75	6.95	10.17	11.40	6.95	11.87
Athens	4.84	9.46	5.53	10.57	10.17	5.53	10.75
Carrollton	6.56	7.95	3.33	9.46	11.24	3.33	10.37
Cordele	3.90	5.75	5.94	10.06	11.24	5.94	11.55
Savannah	--	9.25	9.46	11.40	10.06	9.46	11.55
Valdosta	3.70	5.75	7.95	10.57	11.40	7.95	12.07
Vidalia	2.19	7.95	7.95	10.75	10.59	7.95	11.40

Table 43.- Carload rail rates on nitrogen fertilizer solution (in tank cars) from producing areas to points in Kentucky

Destination	Origin					
	So. Point, Ohio	Charlestown, Ind.	Selma, Mo.	Tarrant, Ala.	Vicksburg, Miss.	Louisville, Ky.
	(Dollars per net ton)					
Kentucky						
London	4.94	6.15	10.06	7.95	11.24	4.08
Murray	10.06	7.55	9.46	6.95	8.96	5.80
Winchester	3.12	4.94	9.46	9.46	11.87	2.76

Table 44.-Carload rail rates on nitrogen fertilizer solution (in tank cars) from producing areas to points in Mississippi.

Destination	Origin					
	So. Point, Ohio	Selma, Mo.	Charlestown, Ind.	Tarrant, Ala.	Ketona, Ala.	Vicksburg, Miss.
	(Dollars per net ton)					
Mississippi						
Canton	12.20	9.86	10.75	5.75	5.75	1.84
Corinth	10.91	8.85	9.05	3.92	3.92	5.60
Greenwood	11.87	9.25	10.17	5.34	5.34	2.94
Gulfport	12.68	11.40	12.01	7.45	7.45	4.32
Hattiesburg	12.27	10.75	11.40	5.53	5.53	3.06
Jackson	12.27	10.06	10.91	5.75	5.75	1.40
Magee	12.27	10.37	11.40	5.75	5.75	2.28
Tupelo	11.24	9.05	9.66	3.73	3.73	4.64

Table 45. - Carload rail rates on nitrogen fertilizer solution (in tank cars) from producing areas to points in North Carolina and South Carolina

Destination	Origin						
	So. Point, Ohio	Hopewell, Va.	Birmingham, Ala.	Selma, Mo.	Pace Jct., Fla.	Tarrant, Ala.	Savannah, Ga.
	(Dollars per net ton)						
North Carolina							
Lumberton	10.75	5.34	10.57	13.35	11.55	10.57	5.94
Salisbury	9.86	5.75	10.06	12.68	11.55	10.06	6.95
Wilmington	11.08	5.34	11.08	13.62	11.87	11.08	6.95
South Carolina							
Anderson	10.06	9.66	7.45	12.54	10.17	--	5.34
Charleston	11.40	8.96	10.06	13.48	10.17	--	2.62
Columbia	10.37	8.45	9.25	13.08	10.37	--	3.52
Florence	10.75	6.43	10.06	13.48	11.08	--	4.73

Table 46.- Carload rail rates on nitrogen fertilizer solution (in tank cars) from producing areas to points in Tennessee

Destination	Origin					
	So. Point, Ohio	Charlestown Ind.	Selma, Mo.	Birmingham, Ala.	Pace Jct., Fla.	Savannah, Ga.
	(Dollars per net ton)					
Tennessee						
Halls	10.57	8.55	8.55	6.15	10.37	11.87
Jackson	10.37	8.27	8.85	5.13	9.86	11.40
Johnson City	5.94	8.85	11.55	8.45	11.40	9.25
Knoxville	6.95	7.64	10.91	5.94	10.57	9.66
La Vergne	9.25	6.43	8.85	4.94	10.06	10.75
Memphis	11.08	9.25	7.35	5.94	9.86	11.71
Nashville	9.25	6.43	8.85	4.94	10.06	10.75
Tenco	6.95	7.64	10.91	5.94	10.57	9.66
Union City	10.17	7.95	9.05	6.43	10.37	11.87

Table 47. - Carload rail rates on nitrogen fertilizer solution (in tank cars) from producing areas to points in Virginia

Destination	Origin						
	Savannah, Ga.	Pace Jct., Fla.	Hopewell, Va.	Birmingham, Ala.	Ketona, Ala.	Selma, Mo.	Tarrant, Ala.
	(Dollars per net ton)						
Virginia							
Bristol	9.46	13.22	5.48	9.46	9.25	13.00	9.25
Culpeper	10.75	13.08	2.89	12.01	11.71	15.60	11.71
Harrisonburg	10.91	13.08	3.94	12.20	11.55	15.00	11.55
Norfolk	10.06	12.94	2.19	12.54	12.20	17.20	12.20
Richmond	10.17	12.94	1.31	12.20	12.01	16.40	12.01

Table 48. - Carload rail rates on anhydrous ammonia (in tank cars) from producing areas to points in Alabama

Destination	Origin						
	Tarrant, Ala.	Ketona, Ala.	Vicksburg, Miss.	Yazoo City, Miss.	Pascagoula, Miss.	Woodstock, Tenn.	El Dorado, Ark.
	(Dollars per net ton)						
Alabama							
Clanton	6.40	4.30	14.00	13.60	12.20	13.60	16.60
Decatur	7.40	6.10	14.60	14.40	15.00	10.80	15.20
Mobile	11.60	11.60	11.60	11.80	6.40	15.00	14.60
Montgomery	7.80	4.30	13.20	13.20	11.40	14.00	16.00
Selma	7.80	4.30	12.20	12.20	11.20	13.20	15.00
Sheffield	8.80	6.10	9.91	11.47	15.60	9.04	14.60

Table 49. - Carload rail rates on anhydrous ammonia (in tank cars) from producing areas to points in Florida

Destination	Origin							
	Yazoo City, Miss.	Vicksburg, Miss.	Pascagoula, Miss.	Tarrant, Ala.	Ketona, Ala.	Pace Jct., Fla.	Savannah, Ga.	Florence, Ala.
	(Dollars per net ton)							
Florida								
Jacksonville	19.60	19.60	17.20	15.60	15.60	13.60	9.40	18.20
Lake Alfred	22.00	22.00	19.00	18.20	18.20	15.20	13.60	20.60
Lakeland	21.60	21.60	18.60	18.00	18.00	14.80	13.60	20.20
Ocala	20.60	20.60	17.60	17.00	17.00	13.80	11.60	19.00
Pensacola	14.00	14.00	9.40	12.20	12.20	1.40	15.40	15.00
Tampa	21.60	21.60	18.60	18.00	18.00	14.80	14.00	20.60

Table 50. - Carload rail rates on anhydrous ammonia (in tank cars) from producing areas to points in Georgia.

Destination	Origin							
	Yazoo City, Miss.	Tarrant, Ala.	Pace Jct., Fla.	Vicksburg, Miss.	Ketona, Ala.	Pascagoula, Miss.	Savannah, Ga.	Woodstock Tenn.
	(Dollars per net ton)							
Georgia								
Adel	17.00	13.20	12.20	17.00	13.20	15.40	10.20	17.60
Athens	17.20	11.80	15.40	17.60	11.80	16.60	11.40	17.00
Carrollton	15.00	9.40	14.00	15.40	9.40	14.60	13.20	14.60
Cordelle	16.60	12.20	9.40	16.60	12.20	15.00	10.20	17.00
Savannah	19.60	15.40	15.00	19.60	15.40	18.00	.....	20.20
Valdosta	17.60	14.00	9.00	17.60	14.00	15.40	10.00	18.20
Vidalia	18.00	14.00	14.40	18.00	14.00	16.60	7.80	18.60

Table 51. - Carload rail rates on anhydrous ammonia (in tank cars) from producing areas to points in Kentucky

Destination	Origin						
	Woodstock, Tenn.	Henderson, Ky.	So. Point, Ohio	Belle, W. Va.	Hopewell, Va.	El Dorado, Ark.	Sheffield, Ala.
	(Dollars per net ton)						
Kentucky							
London	17.00	12.00	11.20	12.80	17.00	21.00	14.40
Louisville	14.60	8.80	11.40	12.80	19.80	19.00	13.60
Murray	10.00	9.40	16.60	17.60	23.40	14.60	10.80
Winchester	16.60	11.20	9.20	10.40	18.00	20.60	15.40

Table 52. - Carload rail rates on anhydrous ammonia (in tank cars) from producing areas to points in Mississippi

Destination	Origin								
	Vicksburg, Miss.	Tarrant Ala.	Luling, La.	El Dorado Ark.	Yazoo City, Miss.	Henderson, Ky.	Pascagoula, Miss.	Woodstock Tenn.	Ketona, Ala.
	(Dollars per net ton)								
Mississippi									
Canton	7.40	12.20	11.80	11.20	4.98	16.60	11.40	5.83	12.20
Corinth	13.20	10.00	16.00	13.60	11.47	13.20	14.60	6.47	10.00
Greenwood	9.40	11.60	13.60	12.80	4.56	15.40	13.20	8.37	11.60
Gulfport	11.20	13.60	8.40	14.40	11.20	19.60	6.20	14.60	13.60
Hattiesburg	7.42	11.80	10.00	12.80	9.40	18.00	8.20	13.60	11.80
Jackson	6.60	12.20	11.40	10.80	3.92	17.00	10.60	5.83	12.20
Magee	7.42	12.20	11.00	11.80	6.47	17.60	9.80	12.80	12.20
Tupelo	11.80	9.80	15.00	14.00	10.60	14.00	13.60	7.10	9.80

Table 53.- Carload rail rates on anhydrous ammonia (in tank cars) from producing areas to points in North and South Carolina

Destination	Origin					
	Belle, W. Va.	Henderson, Ky.	Hopewell, Va.	Savannah, Ga.	So. Point, Ohio	Pace Jct., Fla.
	(Dollars per net ton)					
North Carolina						
Lumberton	17.00	22.00	11.80	12.20	18.00	19.80
Salisbury	14.60	19.80	11.80	13.20	15.60	19.80
Wilmington	17.60	23.20	11.60	16.40	18.60	20.60
South Carolina						
Anderson	17.20	18.20	16.00	11.60	16.60	17.00
Charleston	18.60	21.20	14.60	9.60	19.60	17.00
Columbia	17.60	20.20	14.00	11.40	17.20	17.60
Florence	17.00	21.60	12.80	11.40	18.00	18.60

Table 54. - Carload rail rates on anhydrous ammonia (in tank cars) from producing areas to points in Tennessee

Destination	Origin						
	Tarrant, Ala.	Henderson, Ky.	Woodstock, Tenn.	El Dorado, Ark.	Belle, W. Va.	Pascagoula, Miss.	Yazoo City, Miss.
	(Dollars per net ton)						
Tennessee							
Halls	12.80	11.20	5.41	13.60	18.20	16.60	12.20
Jackson	11.40	11.60	5.83	13.60	18.20	15.40	12.20
Johnson City	14.60	16.60	17.60	21.60	13.20	19.80	19.60
Knoxville	12.20	14.60	15.80	19.80	14.40	18.00	17.60
La Vergne	11.20	9.80	11.60	16.20	16.20	17.20	15.40
Memphis	12.20	13.20	2.74	11.60	19.60	15.40	10.40
Nashville	11.20	9.80	11.60	16.20	16.20	17.20	15.40
Tenco	12.20	14.60	15.80	19.80	14.40	18.00	17.60
Union City	12.80	10.40	7.74	14.00	18.00	16.60	13.20

Table 55.- Carload rail rates on anhydrous ammonia (in tank cars) from producing areas to points in Virginia

Destination	Origin					
	Belle, W. Va.	Henderson, Ky.	Hopewell, Va.	Savannah Ga.	So. Point Ohio	Pace Jct., Fla.
	(Dollars per net ton)					
Virginia						
Bristol	13.20	16.20	13.20	15.40	12.20	19.80
Culpeper	13.20	21.00	8.00	18.00	14.40	23.80
Harrisonburg	12.20	20.20	10.20	18.20	13.60	24.60
Norfolk	16.20	23.20	7.40	16.60	17.40	23.80
Richmond	14.60	22.00	6.00	17.00	16.00	23.80

Tariff Authority

C. A. Spanninger,	Agt.,	SFTB	S392F	ICC1510
"	"	"	351L	" 1357
"	"	"	179L	" 1358
"	"	"	820A	" 1295
"	"	"	710B	" 710
"	"	"	711B	" 519
"	"	"	712C	" 712
"	"	"	714A	" 322
"	"	"	717C	" 717
"	"	"	713B	" 513
"	"	"	821B	" 1548
"	"	"	591C	" 1267
"	"	"	S1011	" 1300
F. C. Kratzmeier,	Agt.,	SWL	273A	" 4112
"	"	"	S/W1004	" 3997
"	"	"	S/WS1007	" 4000
C. W. Boin,	Agt.,	T.L	ES104F	"A1075
"		"	E180	"A1059
H. R. Hinch,	Agt.,	CTR	495L	" 4526
"		"	E1009	" 4487
R. G. Raasch,	Agt.,	IFA	1/S1003A	" 797